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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER UTSG:255US U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 107522041 |
| INTERNATIONAL APPLICATION NO. PCT/US2003/022001 | INTERNATIONAL FILING DATE 11 July 2003 | PRIORITY DATE CLAIMED 19 July 2002 |
| TITLE OF INVENTION Methods and Compositions Concerning Altered Yellow Fever Virus Strains | | |
| APPLICANT(S) FOR DO/EO/US Alan Barrett; Monica McArthur | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Request to Transfer Sequence Listing; return postcard</p> | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|--|----------------------------|---|---------------|---|--|--------------------------|----------------------------|----------|-----------------------|-----------------|--------------------------|-------------------------|----------|----|----|--------------------------|--------------------|----------|----|----|--|--|--|----|----|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 101522041 | | INTERNATIONAL APPLICATION NO. PCT/US2003/022001 | | ATTORNEY'S DOCKET NUMBER UTSG:255US DT01 REC'D PCV 19 JAN 2005 | | | | | | | | | | | | | | | | | | | | | |
| <p>21. The following fees are submitted:</p> <table> <tr> <td><input type="checkbox"/></td> <td>a) Basic national fee.....</td> <td>\$300.00</td> <td>Applicant use</td> <td>Office use only</td> </tr> <tr> <td><input type="checkbox"/></td> <td>b) Examination fee.....</td> <td>\$200.00</td> <td>\$</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/></td> <td>c) Search fee.....</td> <td>\$500.00</td> <td>\$</td> <td>\$</td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS = \$1000.00</td> <td>\$</td> <td>\$</td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> | | | | | | <input type="checkbox"/> | a) Basic national fee..... | \$300.00 | Applicant use | Office use only | <input type="checkbox"/> | b) Examination fee..... | \$200.00 | \$ | \$ | <input type="checkbox"/> | c) Search fee..... | \$500.00 | \$ | \$ | TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | \$ | \$ |
| <input type="checkbox"/> | a) Basic national fee..... | \$300.00 | Applicant use | Office use only | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | b) Examination fee..... | \$200.00 | \$ | \$ | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | c) Search fee..... | \$500.00 | \$ | \$ | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | \$ | \$ | | | | | | | | | | | | | | | | | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | | | | | | | | | | | | | | | | | | | | |
| - 100 = | /50 = | | x \$250.00 \$ | | | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE \$ | | | | | | | | | | | | | | | | | | | | | | |
| Total claims | - 20 = | | x \$50.00 \$ | | | | | | | | | | | | | | | | | | | | | | |
| Independent claims | - 3 = | | x \$200.00 \$ | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 \$ | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½. \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL = \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = \$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table> <tr> <td>Amount to be refunded:</td> <td rowspan="2" style="background-color: black; color: white; text-align: center;"> </td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table> | | | | | | Amount to be refunded: | | \$ | Amount to be charged: | \$ | | | | | | | | | | | | | | | |
| Amount to be refunded: | | \$ | | | | | | | | | | | | | | | | | | | | | | | |
| Amount to be charged: | | \$ | | | | | | | | | | | | | | | | | | | | | | | |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: (Customer No. 32425) | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>FULBRIGHT & JAWORSKI L.L.P. 600 Congress Avenue, Suite 2400 Austin, TX 78701 (512) 474-5201</p> <p>EXPRESS MAIL NO.: EV 414834840 US MAILING DATE:</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p> SIGNATURE Gina N. Shishima NAME</p> <p>45,104 REGISTRATION NUMBER</p> | | | | | | | | | | | | | | | | | | | | | | | | | |

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DT01 Rec'd PCT/US 19 JAN 2005

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| CERTIFICATE OF EXPRESS MAIL | |
| Express Mail No.: | EV 414834840 US |
| Date of Deposit: | January 19, 2005 |
| | |

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Barrett et al.

Serial No.: Unknown

Filed: Filed Herewith

For: Methods and Compositions Concerning
Altered Yellow Fever Virus Strains

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: UTSG:255US

REQUEST FOR TRANSFER OF SEQUENCE LISTING UNDER 37 C.F.R. § 1.821(e)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

Pursuant to 37 C.F.R. § 1.821(e), Applicants respectfully request that the sequence information previously submitted in International Application No. PCT/US2003/022001, filed July 11, 2003, be transferred to and used in the above-referenced patent application ("instant application"). Only one computer readable sequence listing was submitted to the U.S. Patent and Trademark Office in the international application. The sequence information in the instant application is identical to the sequence information contained in the previously-filed computer readable sequence listing in the international application. It is understood that the U.S. Patent and Trademark Office will make the necessary change in application number and filing date of the computer readable form that will be used for the instant application..

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Applicants request the transfer of the previously-filed computer readable sequence listing from the international application to the instant application is in lieu of filing a duplicate computer readable sequence listing.

No fee is believed to be due in connection with the filing of this document; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this document, the Commissioner is hereby authorized to deduct said fee from Fulbright & Jaworski Account No.: 50-1212/UTSG:255US.

Respectfully submitted,



Gina N. Shishima
Reg. No. 45,104
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201
(512) 536-4598

Date: January 19, 2005